Authors Index

(A) = Abstract, (S) = Supplement

A

Abe, Y. 498
Abele, R. 135
Adhin, S. 528
Aichner, W. 561
Al Karawi, M. A. 327, 507
Alberola, B. 260 (A)
Alfonso, J. J. 32
Aloesio, R. 233
Altendorf-Hofmann, A. 335
Altorki, N. K. 360
Amplatz, S. 239
Andreoli, R. 239
Arakawa, M. 432
Araùjo Teixeira, A. 215
Ariosto, F. 524
Arlt, G. 121
Armstrong, D. 262 (A)
Asolati, M. 371
Avanzi, G. 128
Axelson, J. 264 (A)

B

Bacchelli, S. 316
Bader, J. P. 269 (A)
Bagarolo, C. 517
Baggi, M. T. 108
Balducci, G. 524
Barbara, L. 316
Bardini, R. 371
Barker, C. F. 307
Baron, J. H. 268 (A)
Barone, G. 324
Bartelsman, J. F. W. M. 90
Bastid, C. 612
Beger, H. G. 283
Belghiti, J. 388
Bemelman, W. 266 (A)
Berger, F. 260 (A)
Berges, W. 81
Bernard, C. 260 (A)
Berstad, A. 259 (A)
Bertele, A. 108
Bertrams, J. 81
Bhalerao, R. A. 428
Bhuiya, M. M. R. 421
Biagini, M. R. 128
Biasiato, R. 92
Bitner, R. 283
Bizais, Y. 257
Black, J. W. 31 (S)
Blum, A. L. 262 (A)
Bodemar, G. 217
Bondanza, G. 517
Bonfils, S. 1 (S), 260 (A), 265 (A)
Bonino, F. 411
Borchard, F. 81, 223
Bordi, C. 108
Bortolotti, M. 316
Bozdech, J. M. 8
Brunelli, F. 316
Bruno, S. 398
Brzozowski, T. 265 (A)
Büchler, M. 283
Buddhisawasdi, V. 608
Bures, J. 606
Burroughs, A. K. 546

C

Calabuig, R. 257 (A)
Cales, P. 575
Camandona, M. 233
Canepa, G. 242
Cantarovich, D. 257 (A)
Capella, C. 247
Capocaccia, L. 524
Carrió, I. 257 (A)
Carvalho, D. G. de 147
Carvalho, J. 215
Casaccia, M. 92
Castoro, C. 371
Ceda, G. P. 108
Ceresini, G. 108
Chang, Y. 474
Chayvialle, J. A. 260 (A)
Cheli, R. 153, 616
Chen, D.-S. 452
Cherqui, D. 388
Chiaravalli, A. 247
Chijiiwa, K. 510
Choi, T. K. 172
Ciancamerla, G. 208
Clark, D. 507
Classen, M. 201, 256 (A), 425
Cleveland, S. 81
Coene, P. P. L. O. 376
Coluccia, C. 233
Coremans, G. E. 585
Cremer, M. 425
Crow, J. 403
Cuan-Orozco, F. 561
Cuber, J. C. 260 (A)
Cunningham, J. J. 395

D

D'Adda, T. 108
D'Amico, D. 92
Dafoe, D. C. 307
Dammann, H. G. 2 (S)
De Angelis, P. 345
Decktor, D. L. 11 (S)
Degli Esposti, A. 316
Dembinski, A. 265 (A)
Depla, A. C. T. M. 90
Desmet, V. 596
Di Filippo, B. 324
Dijkhuis, Th. 266 (A)
Dimitrov, B. 403
Dittler, H. J. 382
Ditzel, H. 204
Dive, Ch. 585
Dobrilla, G. 239
Doss, M. 147

E

Edwards, S. 198
Egberts, E.-H. 135
Eggermont, E. 596
El-Shiekh Mohamed, R. 327
Endo, M. 408, 417
Erberl, Th. 201
Erroi, F. 513
Esplugues, J. V. 265 (A)
Estruch, M. 257 (A)

F

Fagg, N. L. K. 198
Faggioni, A. 517
Falcone, F. 92
Falke, T. H. M. 528
Fan, S. T. 172
Farmer, R. G. 8
Fausone, G. 233
Faustini, S. 425
Favia, G. 92
Favre, J.-P. 350
Fazio, V. W. 56
Fazzuoli, L. 208
Fersini, M. 92
Festen, H. P. M. 124
Filauro, M. 517
Fixa, B. 606
Fjosne, U. 258 (A)
Foster, J. H. 182
Fraga, J. 215
Fraki, O. 260 (A)
Franco, C. 128
Frank, M. 147
Frascio, M. 242
Friedman, S. 350
Fuente, T. 140
Fujise, K. 457
Fujishima, M. 342
Fujita, K. 72, 457
Fujiwara, K. 194
Fujiyama, S. 432, 469
Fürst, P. 135
Furuta, T. 442, 494
Fékété, F. 388

G

Gad, H. A. 561
Galeotti, F. 398
Gall, F. P. 290
Galmiche, J. P. 257 (A)
Gardino, L. 233, 242
Garner, A. 267 (A)
Gazzaniga, G. M. 517
Gebbers, J.-O. 99
Gebhardt, C. 290
Geboes, K. 579, 596
Gerhardt, P. 425
Giaccone, M. 233
Gompertz, R. H. 268 (A)
Gove, C. D. 413
Grad, G. 513
Greco, L. 131
Greenlee, H. B. 295
Greten, H. 67
Groh, E. 269 (A)
Grugni, M. 398
Guillard, G. 350
Gulik, T. M. van 530
Gómez Sanz, R. 212

H

Haak, H. R. 528
Haas, O. 350
Habu, H. 408, 417
Hafstad, P. E. 258 (A)
Hakanson, R. 264
Halter, F. 263 (A)
Halvorsen, T. 258 (A)
Hanaoka, T. 368
Handcock, M. 513
Hao, L.-J. 338
Hartog Jager, F. C. A. den 376
Hasegawa, H. 480
Hashizume, M. 565
Hasumura, S. 457
Hattori, N. 445
Hausken, E. 259 (A)
Hayakawa, N. 253, 421
Hayashi, T. 474
Henne-Bruns, D. 85
Hep, A. 258 (A)
Herbay, A. von 99
Hilali, A. 507
Hirata, K. 194
Hirohashi, S. 480
Hirota, I. 510
Hoeven, C. v. d. 266 (A)
Hölscher, A. H. 382
Homma, S. 457
Hsu, H.-C. 452
Hu, K.-Q. 338
Huang, G.-T. 452
Hughes, R. D. 413

I

Ibáuez Aguirre, J. 212
Iida, M. 342
Ikeoka, N. 544
Imai, T. 165
Imamura, K. 72
Imbimbo, B. P. 242
Isaacs, P. E. T. 198
Iwashita, A. 342
Iwatsuki, S. 188

J

Jacobs, D. L. 571
Jarvinen, P. 260 (A)

Jawdat, M. 507
Jiang, S.-J. 503
Johannessen, T. 258 (A)
Jönsson, K.-A. 217
Jovino, P. 324
Jovino, R. 324

K

Kaess, H. 263 (A)
Kaku, C. 368
Kalima, T. 392
Kalk, J.-F. 115
Kameda, H. 457
Kamiya, J. 253, 421
Kanematsu, T. 441, 442, 461, 489, 494
Kangas, E. 83
Kato, M. 421
Kawarada, Y. 176
Kayser, L. 261 (A)
Kerremans, R. 580
Kimura, W. 86
Kitagawa, S. 342
Kitano, S. 461, 489, 565, 569
Kivilaakso, E. 392
Kleveland, P. M. 258 (A)
Klopper, P. J. 266 (A)
Kobayashi, K. 445, 544
Kohno, H. 474
Komárková, O. 606
Kondo, S. 253, 421
Konturek, S. J. 265 (A)
Kooymans-Coutinho, M. F. 528
Korenaga, D. 498
Korri, U. M. 260 (A)
Koussouris, P. 115
Kowollik, S. 263 (A)
Krejsek, J. 606
Kremer, B. 85
Kristensen, P. 258 (A)
Kurai, O. 544
Kuroki, T. 544
Kurumado, K. 235

L

Labriola, E. 316
Lai Edward, C. S. 172
Langley, P. G. 413
Langman, M. J. S. 29 (S)
Langonnet, F. 388
Larsen, K. 261 (A)
Leandro, G. 449
Lebrec, D. 556
Lehmusto, P. 83
Lemli, L. 601
Lestar, B. 580
Lewin, M. J. M. 265 (A)
Li, F.-H. 338
Liaw, Y. F. 332, 484
Lien-Jie, H. 411
Lin, D.-Y. 484
Lindlar, R. 267 (A)
Liu, W.-Z. 503
Loge, I. 258 (A)
Lombardi, S. 324
Lombardo, R. 128
Lorenz, W. 267 (A)
Lucas, B. 257 (A)
Luukkonen, P. 392
Lygidakis, N. J. 1, 6, 271, 428, 439, 533, 579

M

MacMathuna, P. 413
Macri, M. 398
Madaus, S. 201
Maeda, K. 72
Maeda, S. 253
Maia, J. 215
Maisey, M. N. 198
Makuuchi, M. 480
Maleev, A. 403
Manghisi, O. G. 449
Maratka, Z. 258 (A)
Marrano, D. 92
Martinez-Duncker, C. 257 (A)
Martins, J. C. R. 198
Marugo, M. 208, 345
Marzocchi, A. 316
Matikainen, M. 83
Matsuma, T. 494
Matsumata, T. 442, 461, 489
Matsuura, T. 457
Mazzacca, G. 131
McCloy, R. F. 267 (A)
McCormick, P. A. 546
McLeod, R. S. 63
Mebis, J. 596
Meiser, G. 425
Melange, M. 585
Mendizova, A. 403
Mercado, M. A. 115, 561
Merki, H. S. 263 (A)
Merli, M. 524
Meuwissen, S. G. M. 124
Meyer zum Büschenfelde, H. 425
Meyers, S. 42
Micali, B. 257 (A)
Michalowski, A. 268 (A)
Michelassi, F. 513
Mignon, M. 260 (A), 265 (A)
Mihova, A. 403
Milone, F. 324
Mimura, H. 319
Minieri, M. 131
Missale, G. 108
Mizumoto, R. 158, 165, 176
Mochida, S. 194
Mohamed, A. E. 507
Mok Francis, P. T. 172
Moller, B. 261 (A)
Monna, T. 544
Monés, J. 257 (A)
Moorehead, R. J. 364
Moreno Gonzáles 212
Moriura, S. 253
Moriyama, N. 480
Muelas, M. S. 140
Mulder, C. J. J. 90
Müller, P. H. 135
Murat, A. 257 (A)
Müting, D. 115, 561

N

Nabeya, K. 368
Nagamori, S. 457
Nagasue, N. 474
Nagino, M. 253
Naji, A. 307
Nakajima, S. 544
Nakamura, T. 474
Nakayama, F. 510
Nano, M. 233
Napolitano, F. 92
Neuhaus, H. 425
Niiya, M. 457
Nimura, Y. 253, 421
Nishiguchi, S. 544
Nishioka, M. 465
Noda, T. 319
Noguchi, M. 480
Noguchi, T. 165
Nozicka, Z. 606
Nyumura, T. 368

O

Odegaard, S. 259 (A)
Ogata, I. 194
Ogawa, Y. 510
Ohara, T. 235
Ohnishi, K. 6 (S)
Ohno, T. 457
Ohta, Y. 194
Okada, M. 72
Okazaki, N. 480
Okuda, K. 159
Oliviero, S. 92
Onozawa, K. 368
Opocher, E. 398
Orita, K. 319
Ott, R. 425
Otto, H. F. 99

P

Paineau, J. 257 (A)
Palmas, F. 233, 242
Pals, G. 124
Pappo, M. 260 (A)
Paquet, K.-J. 115, 535, 537, 561
Parilla, P. 140
Parodi, M. C. 208, 345
Partensky, C. 260 (A)
Pascal, J. P. 575
Pearson, R. C. 267 (A)
Pejchlova, M. 258 (A)
Penninckx, F. 580, 596
Peracchia, A. 358, 371
Perez, J. M. 140
Perloff, J. 307
Peters, S. 67
Petersen, H. 258 (A)
Pezzullo, L. S. 324
Pfeiffer, A. 263 (A)
Piai, G. 131
Piccoli, A. 449
Pilato, F. P. 108
Pique, J. M. 265 (A)
Pisani, A. 398
Pizzi, P. 425
Plauth, M. 135
Ponce, J. L. 140
Popov, P. 403
Pouliquen, B. 257
Pozzi, M. 128
Prinz, R. A. 295
Purrmann, J. 81

Q

Quaiz, M. 507

R

Raedler, A. 67
Ramirez, P. 140
Rat, P. 350
Rattner, D. W. 301
Reyl-Desmars, F. 265 (A)
Ri, S. 368
Ricci, E. 233
Rico Selas, P. 212
Riddell, R. H. 18
Riggio, O. 524
Rikkers, L. F. 571
Rindi, G. 247
Riva, C. 247
Rizzetto, M. 411
Robinson, M. G. 11 (S)
Roca, M. 257 (A)
Rodolico, A. 92
Roesch, W. 259 (A)
Romagnoli, J. 513
Rombeau, J. L. 32
Roncella, M. 513
Rossi, R. L. 277
Routhie, G. 403
Ruiz, J. M. 140
Rune, S. J. 261 (A)
Ruol, A. 371
Rusniewski, P. 260 (A), 265 (A)
Ryberg, B. 264 (A)

S

Sabbatini, F. 131
Sachar, D. B. 42
Sahel, J. 612
Sainz, S. 257 (A)
Saito, N. 417
Saitoh, A. 498
Sakai, M. 432, 469
Sakamoto, K. 342
Salvini, A. 425
Sandbakken, P. 258 (A)
Santambrogio, R. 398
Santoyo, J. 212
Santucci, R. 208
Saraiva, C. 215
Sarti, P. 316
Sato, K. 432
Sato, T. 469
Sato, Y. 417
Sattler, J. 267 (A)
Scaiola, A. 413
Scarpignato, C. 242, 257 (A)
Schäfer, U. 267 (A)
Schaffalitzky de Muckadell, O. B. 204

Scheele, J. 335
Schepp, W. 256 (A)
Schmidt, T. 263 (A)
Schmidtler, J. 256 (A)
Schmitt, K. 267 (A)
Schneider, M. U. 290
Schreiber, S. 67
Schubert, T. 121
Schuhbeck, F. 263 (A)
Schumpelick, V. 121
Schusdziarra, V. 201, 256 (A)
Schwenk, W. 256 (A)
Segalin, A. 371
Seone Gonzáles, J. 212
Seppala, K. 260 (A)
Seufferlein, Th. 201
Sewing, K.-Fr. 256 (A)
Sheu, J.-C. 452
Shimada, H. 86
Shimizu, K. 457
Shiomi, S. 544
Shionoya, S. 253, 421
Shirabe, K. 442, 461, 489, 494
Shirai, M. 465
Siemens, F. 115
Siewert, J. R. 382
Silveira, J. 403
Sipponen, P. 260 (A)
Siurala, M. 260 (A)
Skinner, D. B. 360
Sladen, G. E. 198
Sobhani, I. 265 (A)
Solcia, E. 247
Sollazzo, R. 131
Sonoda, T. 489
Soska, V. 258 (A)
Soulé, J. C. 269 (A)
Spina, G. 398
Stadelmann, O. 269 (A)
Staritz, M. 425
Starzl, E. 188
Stene-Larsen, G. 259 (A)
Strohmeyer, G. 81
Sugimachi, K. 442, 461, 489, 494, 498, 565, 569
Sujino, H. 457
Sunagawa, M. 417
Sundler, F. 264 (A)
Sung, J.-L. 452
Surrenti, C. 128

T

Takayasu, K. 480
Takenaka, K. 72, 461
Takeshita, K. 417
Tanaka, M. 18
Tanaka, N. 445
Tarolo, G. 398
Tashiro, S. 432
Taverala Veloso, F. 215
Teffelen, M. E. J. M. v. 528
Tellechea, J. 612
Ten Kate, R. W. 124
Thelen, M. 551
Thomson, A. 18 (S), 403
Tielemans, Y. 264 (A)
Tio, T. L. 376
Tiso, E. 371
Todo, S. 188
Tomiya, T. 194
Tremiterra, S. 524
Treutner, K.-H. 121
Tsude, K. 469
Tsujitani, S. 498
Tuynman, H. A. R. E. 124
Tytgat, G. N. J. 90, 155, 271, 353, 376
Tytgat, K. M. A. J. 1, 155, 271, 353

U

Udwadia, T. E. 428
Ueda, T. 544
Uhl, W. 283
Unoura, M. 445
Usellini, L. 247
Utsunomiya, T. 442, 494
Uttaravichien, T. 608

V

Vallaperta, P. A. 239
Vanheuverzwyn, R. 585
Varis, K. 260 (A)
Vecchierini, M. F. 257 (A)
Veloso, T. 152
Verne, G. 411
Vigneri, S. 345
Vilardell, F. 257 (A)
Vitenas, V. 615
Vlahov, V. 403
Voss, A. 67

W

Walker, S. 538
Wang, R.-N. 503
Wang, T.-H. 452
Warshaw, A. L. 274, 275, 301
Watanabe, A. 498
Watanabe, S. 465
Weerth, A. de 67
Whittle, B. J. R. 265 (A)
Wilder-Smith, C. H. 263 (A)
Willems, G. 264 (A)
Williams, R. 413
Winkeltau, G. 121
Witte, P. de 601
Wong, J. 172, 364
Wymersch, Th. van 585

X

Xia, D.-H. 503
Xiao, S.-D. 503
Xu, W.-W. 503

Y

Yamada, S. 194
Yamaga, H. 565
Yamagata, M. 442, 494
Yamakawa, T. 235
Yamamoto, T. 72
Yamazaki, S. 480
Yang, P.-M. 452
Yao, T. 72, 342
Yasawy, M. I. 327
Yen, C.-L. 332
Yokoyama, I. 188
Yong-Yuan, Z. 411
Yoshida, T. 480
Yoshino, M. 480
Yu, Z.-Q. 338

Z

Zatta, G. 398
Zhang, Z.-H. 503
Ziparo, V. 524
Zirngibl, H. 290
Zizzari, S. 449

Index of Subjects

(S) = Supplement

A
acetylcholine, histamine antagonist 33 (S)
AFP, hepatocellular carcinoma 481
– screening 155
albendazole 330
alpha-L-fucosidase 155
aminosalicylic acid, clinical studies 44
– Crohn's disease 1, 44
androgen receptor, hepatocellular carcinoma 156, 475
anemia, celiac disease 90
angina pectoris 11 (S)
– antireflux therapy 317, 318
– chest pain 318
– gastroesophageal reflux 316
angiography, hepatocellular carcinoma 161
angioscintigraphy, liver cirrhosis 398
anorectal abnormality, surgery 582
– manometry 589
antazid, gastric emptying 257
anthraquinone, metabolism 601
– pharmacology 601
anticolon antibody, ulcerative colitis 103
antifibrinolysis 30 (S)
antireflux surgery 14 (S)
antral gastritis, prostaglandine 208
antroduodenal motility 243
– prostaglandine E 259
atrophic gastritis, mucosal arteriole 235
atropine, gastric emptying 242
asthma, gastric reflux 12 (S)
azathioprine, Crohn's disease 2, 48

B
basal acid output 19 (S)
Barrett's esophagus, esophagus carcinoma 354, 358
Behcet's disease 27
Bernstein test 11, 13 (S)
beta-blocker, hemodynamic effect 556
– gastrointestinal bleeding 556
– portal hypertension 556
– prophylactic treatment 558, 577
biliary obstruction, biliary cirrhosis 304
– cholangitis 303, 304
– chronic pancreatitis 299, 303
– liver biopsy 304
– pseudocyst 304
biliary system, reflux 233
Borrmann classification 224
broncho-alveolar lavage, Crohn's disease 3
brushing cytology 369
Budd-Chiari syndrome, diagnosis 428
– surgical treatment 428
bulbitis, disaccharidase 217
burimamide 31 (S)

C
carbon tetrachloride 319
catecholamine, small intestinal motility 143
caustic esophagitis 212
CEA, cholangiocellular carcinoma 155
celiac disease 90
chemoembolization, hepatocellular carcinoma 163
chemotherapy, colorectal metastases 156
chest pain, acid perfusion test 317
– manometry 317
– pH metry 318
cholangiocarcinoma, diagnosis 176
– lobectomy 421
– non jaundiced 608
– operative procedure 421, 609
– radiotherapy 395
– thorium dioxide 395
cholangitis, sphincterotomy 204
cholecystectomy, biliary reflux 233
choledocholithiasis, sphincterotomy 204
cholelithiasis, Crohn's disease 83
– small bowel resection 83
chronic gastritis, helicobacter pylori 503
– peptic ulcer 260
chronic hepatitis, HDV 411
– hepatocellular carcinoma 411
chronic liver disease, acid secretion 347
– gastric mucosa 345
– helicobacter pylori 347
– Kupffer cell 319
– mucus secretion 348
– PGE 348
chronic pancreatitis, arteriography 302
– biliary tract obstruction 299, 303
– Ca 19-9; 272, 350
– Cambridge classification 271
– complication 272
– computed tomography 271
– diabetes mellitus 277
– distal resection 277
– drainage 295
– endoscopic treatment 272
– ERCP 303
– etiology 271
– large duct form 301
– liver disease 303
– malignancy 271, 284
– obstructive complication 295
– pain 277
– pancreatic cancer 350
– pancreato-jejunostomy 275
– proximal resection 279
– pseudocyst 299
– resection 275, 277
– serum bilirubin 303
– sphincter of Oddi 271
– sphincteroplasty 277
– total pancreatectomy 278
– Whipple's procedure 290
cigarette smoking, Crohn's disease 1
cimetropium, antroduodenal motility 243
– gastric emptying 242
cirrhosis, liver tumor 155
cisapride, erosive esophagitis 403
– non ulcer dyspepsia 259
– side effects 406
collagen type V 3
colonic carcinoma, prognosis 513
– ras-oncogen expression 513
colonic transit 590
colonic varices 301
colonoscopy, villous tumor 342
constipation 579
corticosteroids, adverse effects 44
– Crohn's disease 45, 73
– pregnancy 46
Crohn's disease, activated T cell 68
– antibiotic 46
– antituberculosis therapy 47
– abscess 57
– Behcet's disease 27
– bowel obstruction 57
– cancer 28, 59
– computed tomography 10, 12
– colorectal cancer 3
– cyclosporine 49, 51
– diagnosis 8
– differential diagnosis 9, 20
– disodium cromoglycate 49
– dysplasia 28
– endoscopy 11
– enteral diet 37
– environmental factor 81
– epidemiology 1
– Fc-alpha receptor 69
– fistula 36, 58
– free perforation 57
– gallstone 83
– genetic 81
– growth retardation 33
– hepatic abscess 215
– home nutritional support 39
– immunology 2
– immunostimulants 49
– immunosuppressive therapy 48
– intestinal permeability 1
– laboratory test 14
– malnutrition 32
– medical management 42
– metronidazole 47
– operative procedure 2, 56, 61
– oral diet 38
– parenteral nutrition 2, 33
– pathological diagnosis 3, 18
– plasmapheresis 49
– pulmonary involvement 3
– radiology 10, 12
– recurrence 63, 18
– resection margin 64
– short bowel 65
– sulfasalazine 42
– superoxide dismutase 50
– ultrasound 10, 12
– Vitamin A 50
cyclophosphamide, Crohn's disease 49

D
defectography, megacolon 589
descending perineum syndrome 586
des-gamma-carboxy-pro-thrombin 155, 159
diabetic autonomic neuropathy 257
disaccharidase, duodenitis 220
diversion proctocolitis 27
diverticulitis, portal venous gas 528
doppler flowmetry, portal vein 549
Dubin Johnson syndrom, coproporphyrin 147
duodenal obstruction, pancreatitis 299, 304
duodenal ulcer, bulb deformity 131
– famotidine 2 (S)

– H-2 antagonist 239
– prognosis 261
– ranitidine 131
– sucralfate 239
– ulcer relapse 131
duodenitis 21 (S)
duodenogastric reflux 258
duodenum, endocrine tumor 247
duodenum preserving resection of pancreas,
– endocrine function 287
– indication 283
– postoperative course 287
– Puestow modification 286
– results 287
– surgical technique 284
– Whipple's operation 288

E

early gastric cancer, classification 224
– macroscopic 409
– survival rate 410
echinococcus granulosus 327
elemental diet, Crohn's disease 72
endocrine cell, glycoprotein hormone 108
endocrine tumor, histological pattern 248
– immunohistochemical pattern 251
endoscopic sphincterotomy, bile acid 511
endoscopy, bleeding esophageal varices 561
– emergency 269
– long tren endoscopic sclerotherapy 563
– lugol staining 368
endosonography, esophageal cancer 354, 377, 382
– histology 379
– regional lymphe node 378
– stage grouping 380
enprostil, histamine 269
epidermal growth factor, gastric mucosa 265
ERCP, chronic pancreatitis 271
– hydatid disease 328
– pancreatic pseudocyst 324
– sphincterotomy 206
erosive bulbitis, acid secretion 260
Ery-1 155
esophageal cancer, barrett's esophagus 354
– bronchoscopy 383
– brushing cytology 354, 369
– bypass operation 364
– cervical esophagus 371
– chemotherapy 359
– diagnosis 354, 368
– dietary factor 353
– doubling time 368
– endoscopic dilatation 356
– endosonography 376
– epidemiology 353
– hepatic cirrhosis 388
– hyperthermia 355
– laser therapy 356
– lymphadenectomy 358
– lymph node metastases 385
– pathology 354
– preoperative staging 384
– prognostic factor 355, 382
– radiotherapy 356
– risk analysis 382
– surgery 355, 360
– TNM staging 376
– tumor localisation 383
– tumor marker 354
esophageal injury, drugs 14 (S)
esophageal manometry 13 (S)
esophageal sclerotherapy, DIC 565
– hypercoagulopathy 567
– over tube technique 569
esophageal substitute, gangrene 364
esophageal varices, beta blocker 577, 301
– balloon tamponade 562
– bleeding 546, 551, 571
– emergency management 562
– endoscopy 561
– hepatocellular carcinoma 461, 489
– long term sclerotherapy 563
– metoclopramide 541
– partial shunt 573
– per rectal portal scintigraphy 544
– portal circulation 546
– pressure 548
– prophylactic treatment 575
– sclerotherapy 461, 489, 575, 565
– selective shunt 572
– shunt surgery 554, 571
– somatostatin 541
– vasoconstrictive therapy 538, 539, 562
esophagectomy, en bloc 360
esophagitis, cimetidine 403
– cisapride 403
esophagocolonoplasty 212
Ethibloc pancreatic duct occlusion 290, 292
evoked potential, hepatic encephalopathy 332

F

factor V, hepatocellular carcinoma 155
Fc-alpha receptor 67
famotidine, antisecretory potency 2 (S)
– gastric emptying 257
– hepatic disease 6, 8 (S)
– intragastric pH 24 (S)
– non ulcer dyspepsia 2 (S)
– side effects 4 (S)
– ulcer disease 18 (S)
furazolidone 503

G

gallbladder carcinoma 86
gastric acidity, circadian rhythms 262, 263
– duodenogastric reflux 258
– ranitidine 263
gastric cancer, classification 223
– combined resection 419
– incurable factor 418
– Lauren classification 225
– liver metastasis 417
– Ming's classification 225
– operative treatment 417
– survival 419
– WHO classification 225
gastric emptying, antazid 257
– atropine 244
– cimetropium 244
– diabetic autonomic neuropathy 257
– famotidine 257
– gastroesophageal reflux 13 (S)
gastric potential difference 263
gastric secretion, non ulcer dyspepsia 258
– temperature 267
gastric stump cancer 82
gastric ulcer, blood flow 21 (S)
– mucus 20 (S)
gastric varices 301
gastrin, ECL-cell 264
gastrin cell tumor 250
gastroduodenal ulcer, bleeding 121
– endoscopy 121
– jaundice 612
– sclerotherapy 122
– therapeutic regimen 122
gastroesophageal reflux, chest pain 11 (S)
– clinical diagnosis 316, 11 (S)
– endoscopy 199
– food 14 (S)
– mucosal protection 15 (S)
– pH monitoring 199, 13 (S)
– reflux pattern 12 (S)
– respiratory disease 12 (S)
– scintigraphy 198
– therapy 13 (S)
Gilbert's syndrome, low caloric intake 85
– nicotinic acid test 85
glucagon like peptid, cAMP 256
– parietal cell 256
glykogen storage disease 432
glykoprotein hormone 109

H

H-2 antagonist, side effects 1 (S)
HBsAg carrier, hepatocellular carcinoma 457
– HDV 411
HDV, chronic hepatitis 411
– hepatocellular carcinoma 411
helicobacter pylori 347, 21 (S)
– cellular immunity 606
– chronic gastritis 503
– furazolidone 503
– immune response 606
– metronidazole 503
– treatment 503
hepatectomy, cholangiocellular carcinoma 421
– cirrhotic patient 165
– DIC risk 169
– postoperative liver failure 168
hepatic abscess, computed tomography 215
– treatment 215
hepatic adenoma 432
hepatic arterial embolization 485
hepatic cirrhosis, esophageal cancer 388
– esophagogastrectomy 389
hepatic disease, famotidine 6 (S)
hepatic encephalopathy, diagnosis 332
– evoked potential 333
– lactitol 524
– lactulose 524
hepatic failure, ketone body ratio 413
hepatitis B virus, polymerized human serum albumin 339
– pre-S protein 338
hepato-biliary malignancy, vena cava 253
hepatocellular carcinoma, AFP 159
– androgen receptor 156, 475
– angiography 161
– arterial embolization 162, 484
– autoradiography 475
– cirrhosis 155
– chemotherapy 156, 162
– computed tomography 159, 160
– DCP 159
– diagnosis 159, 188, 480
– esophageal varices 461, 489
– etiology 159
– fine needle aspiration 155

– hepatectomy 489
– hepatitis B virus DNA 155, 457
– immunmodulation 163
– Interleukin 2; 465
– intra arterial chemotherapy 162
– lipiodolization 156, 442, 489, 494
– liver biopsy 161
– liver cirrhosis 445
– lymphokine 465
– MRI 160
– non A non B hepatitis 457
– 5-nucleotide phosphodiesterase 469
– OK-432 452
– pathogenesis 439
– percutaneous intratumor injection 163
– preoperative chemoembolization 156
– radionuclide scanning 159
– recurrence 191, 495
– surgery 156, 174, 190, 480
– testosterone 474
– tissue polypeptide antigen 449
– treatment 155, 439
– tumor marker 155, 469
– ultrasonography 160
Hirschsprung's disease, acetylcholinesterase 596
– immunohistochemistry 596
histamine 20 S
– antagonist, acetylcholine 32 (S)
– parietal cell 32 (S)
– parietal cell sensitivity 269
– upper gastrointestinal bleeding 267
hydatid disease, diagnosis 327
– drug therapy 330
– endoscopic management 331
– ERCP 328
– immunological test 329
– percutaneous drainage 330
– serological test 328
– surgery 329
hyperthermia, esophageal cancer 355

I
immunoglobulin, Crohn's disease 2
infectious colitis 26
interleukin-2, Crohn's disease 2
– hepatocellular carcinoma 465
intestinal hemorrhage, Crohn's disease 59
intestinal permeability 1
intragastric pH-level, famotidine 24 (S)
intrinsic nervous system, gastrin 201
– somatostatin 210
ischemic colitis, pathology 27
islet autotransplantation 307, 312

J
jejunum, endocrine tumor 247

K
keratin 155
Kupffer cell, chronic liver injury 319
– liver failure 194
– liver resection 195

L
lactitol, hepatic encephalopathy 524
lactulose 524
lansoprazole 15 (S)
laryngeal cancer 371
Lauren's classification, gastric cancer 225
leucotriene B4 2
levamisole 2
lipiodol, hepatocellular carcinoma 442, 489, 494
lithotripsy, complication 426
– gallbladder stone 425
– lithostar 425
– results 426
liver, ketone body 413
liver cirrhosis, amino acid 135
– hepatic blood flow 399
– hepatocellular carcinoma 445
– long follow up 445
– mucus 347
– penbutolol 398
– per-rectal portal szintigraphy 544
– propanolol 398
– prostaglandine 348
– variceal hemorrhage 115
liver failure, acute 194
– treatment 196
liver metastases, chemotherapy 184
– diagnosis 182
– radiotherapy 184
liver neoplasm, surgery 172
– transplantation 188
– treatment 182
lower esophageal sphincter, gastric reflux 12 (S)
– pressure profilometry 266

M
mebendazole 329
megacolon, idiopathic 588
– surgical treatment 588
mesenteric vein thrombosis, thrombolysis 507
– ultrasound 507
mesocaval interposition shunt, encephalopathy 117
– operative mortality 117
– portal hypertension 115
metastatic liver cancer, chemotherapy 156
– embolization 156
– transplantation 156
– tumor marker 469
metenkepalin 202
metoclopramide, esophageal varices 541
– gastroesophageal reflux 14 (S)
metronidazole, chronic gastritis 503
– Crohn's disease 2, 47
microscopic colitis 26
Ming's classification, gastric cancer 225
morphine, stomach 201
Mulligan's classification, gastric cancer 226
mycobacteria, Crohn's disease 1

N
naloxone, stomach 201
needle biopsy, complication 335
– indication 336
– liver metastases 335
– tumor implantation 335
neopterin, hepatocellular carcinoma 155
neurotensin 20 (S)
nicotinic acid test 85
nitrosamine 353
non ulcer dyspepsia 2 (S)
– cisapride 259
– gastric secretion 258
– prostaglandine 208, 259
5-nucleotide phosphodiesterase 469
number connection test, hepatic encephalopathy 332

O
OK-432, hepatocellular cancer 452
– stomach cancer 498
olsalazine 44
omeprazole, ulcer bleeding 30 (S)
outlet obstruction 585
oxynteric cell secretion 31 (S)
oxyntic mucosa 108
– alpha-HCG 112

P
pancreatectomy, islet autoimplantation 307
pancreatic autotransplantation 281
pancreatic cancer, calcification 271
– chronic pancreatitis 351
– tumor marker 272
pancreatic duct drainage 295
– metabolic function 298
– mortality 298
– operative technique 296
pancreatic duct pressure, pancreas divisum 271
pancreatic pseudocyst, ERCP 324
– etiology 324
– hemorrhage 325
– splenic vein thrombosis 302
– therapy 326
pancreatic resection, endocrine function 281
– pain 277
pancreatic stone protein 271
pancreatitis, somatostatin 92
pancreatoduodenectomy, portal vein thrombosis 302
pancreato-jejunostomy 275, 295
penbutolol 398
pentagastrin, gastric pepsin 124
– H-2 receptor antagonist 32 (S)
– pepsinogen A 124
peptic activity, intragastric pH 19 (S)
peptic ulcer, acid secretion 18 (S)
– antifibrinolysis 30 (S)
– chronic gastritis 260
– hemorrhage 29 (S)
– pathogenesis 19 (S)
pharyngo-colostomy 371
pharyngo-gastrectomy 372
platelet activating factor 2
portal hypertension, beta blocker 556
– bleeding, therapy 115
– hemodynamic evaluation 546
– management 533
– measuring 547
– propanolol 398
portal vein, resection 421
– sepsis 529
pouchitis 28
pre-S protein 328
primary biliary cirrhosis, plasma exchange 128
propanolol, portal flow 398, 400
prostaglandin, duodenal ulcer 209
– dyspepsia 208
– gastric mucosa 256, 265
– liver disease 346
– mucosa 210
proton pump inhibitor 15 (S)
pseudocyst, biliary obstruction 304
– chronic pancreatitis 272, 299
pseudo Zollinger-Ellison syndrome 260

R
radionuclide scanning, hepatocellular carcinoma 159
radiotherapy, cholangiocarcinoma 395
– esophageal carcinoma 356
ranitidine, ulcer relapse 131
– histamine 269
ras-oncogene expression, colonic carcinoma 513
Recklinghausen's disease 247
rectocele 593
rectopexy 593
reflux esophagitis, cimetidine 403
– cisapride 403
– endoscopy 405
– famotidine 3 (S)
reflux scintigraphy 198

S
sclerotherapy, esophageal varices 575
serum pepsinogen A 124
shunt surgery 554
– esophageal varices 571
skip lesion 60
small intestinal motility, beta endorphine 140
– catecholamines 140
– physical stress 140
somatostatin, esophageal varices 541
– pancreatitis 92
– ulcer bleeding 30 (S)
somatostatin receptor 265
somatostatinoma 251
sphincter Oddi 271
sphincteroplasty, chronic pancreatitis 277
splenic vein thrombosis, pseudocyst 302
– splenectomy 302
– treatment 302
splenomegaly, chronic pancreatitis 301
stomach, endogenous opioids 201
– intrinsic nervous system 201
strictureplasty 2, 63
sucralfate, duodenal ulcer 240
– gastroesophageal reflux 14 (S)
sulfasalzine, adverse effect 43
– Crohn's disease 42
– dyspepsia 43

T
T-cell activated, Crohn's disease 68
terlipressin, bleeding esophageal varices 540
thorium dioxide 395
thrombolysis, mesenteric vein thrombosis 507
tissue polypeptide antigen, liver cirrhosis 449
– hepatocellular carcinoma 449
TNM staging, esophageal cancer 376
tracheo-colonic fistula 212
transhepatic biliary drainage, complication 519
– results 517
transplantation, malignant liver disease 156

U
ulcerative colitis, backwash ileitis 28
– differential diagnosis 20
– HLA antigen 102
– immunopathology 99
– immune complexes 103
– infectious colitis 26
– lymphocyte 100
– macrophage 102
– mast cell 102
– pathology 20
ulcer treatment, chronic liver disease 6 (S)
ultrasonography, hepatocellular carcinoma 160
– liver biopsy 161
upper gastrointestinal bleeding 267
urinary coproporphyrin 147

V
variceal sclerosis, manometric assessment 549
vasodilator, chest pain 318
vasopressin, bleeding esophageal varices 538
vena cava resection, pancreatic cancer 253
villous tumor, carcinoma frequency 344
– endoscopy characteristic 344
VIP, Crohn's disease 1
Vitamin A, Crohn's disease 50

W
Whipple's operation 289, 290

Z
zinc deficiency, esophageal carcinoma 353
Zollinger-Ellison syndrome 112, 1 (S)
– immunhistochemical pattern 250